



DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES
FACILITIES MANAGEMENT AND CONSTRUCTION

MUNICIPAL BUILDING, 16th Floor
New York, NY 10007
(212) 669-2670 Fax (212) 669-2780

WILLIAM J. DIAMOND
Commissioner

JOSEPH WAGNER, P.E.
Deputy Commissioner / Chief Engineer

Raymond M. Lynch
Mayor's Office of Emergency Management
7 World Trade Center
New York, N.Y. 10048

September 30, 1999

Re: Improper Engine Startup on 9/23/99

Dear Ray,

As per your direction, to follow please find a concise report (Job#24536) submitted by Jody Foley (Russelectric Engineer) to address the above captioned nuisance.

Each ATS was checked for historical data to determine if an ATS transferred or saw a power outage on 9/23/99, however none was logged. At this time Jody Foley feels ATS 1, located in the generator room, was the cause of the nuisance engine start due to two factors. One being ATS 1's time delay setting (TD 1) had a time delay of 0 seconds. Secondly, an **accessory** sensor to sense **under/over voltage and under/over frequency** was installed. Therefore if there was a slight power glitch, interruption, spike, whatever...ATS 1 would have sensed it and start engines.

Jody, has now changed the TD 1 to 3 seconds and removed the **accessory** sensor that caused nuisance startup. To identify future system problems he has installed traps (PLC logic) in the switchgear to identify the respective ATS causing the problem.

I have further requested that the Panelware processor be able to relay this necessary information so that an Engineer does not have to inconvenience the building personnel for access to each ATS to download historical data rather than downloading it from the Panelware in the generator room. Jody agreed, however he did not have the software with him. We are scheduling for next week and I will notify you of such date and time.

Please note, we need to get a telephone line installed in the OEM generator room so the Field Service Engineers can download software to their laptops or even contact the office for further technical support.

If you need additional information pertaining to this report or my visit yesterday at OEM please do not hesitate to call me at 212-669-4044.

Sincerely,

Greg Garofolo
Sr. Stationary Engineer

cc: J. Wagner D/C, E. Theofan A/C, T. Papsodero- Director, G. Pymonto- DRES



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